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The Knothole, February 7, 1978

SUNY College of Environmental Science and Forestry Student Body

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S.U.N.Y. College of Environmental Science and Forestry

QUESTIONS ON EDUCATION

"To a man who knows nothing, mountains are mountains, waters are waters, and trees are trees. When he has studied and knows a little, mountains are no longer mountains, waters are no longer waters, and trees are no longer trees. But when he has thoroughly understood, mountains are once again mountains, waters are waters, and trees are trees."

Anon.

EDUCATION. There is a logical progression of learning stages in most of our lives. We first learn to recognize various objects and attach a name to them. For instance, a child soon comes to recognize a long tubular thing that makes light as a flashlight. As his education proceeds and he studies the object more intently, he finds that the flashlight is not really just a flashlight, but a collection of pieces. It is a cylindrical structure that contains two batteries, a small light bulb, a reflecting cup, a switch, and several other small parts. This is the intermediate learning stage where he learns that there are many separate parts with separate functions. The last stage of learning precludes understanding. He realizes that the tube acts as a supporting structure, the switch connects an electrical circuit made up of the batteries and the bulb, and the reflecting cup helps intensify and disperse the light more effectively in one direction. Thus, all the separate parts have again come together to form one functional unit- a flashlight.

In order for a learning experience to be meaningful, I believe that each of these three stages (recognition, knowledge,

cont. top of page.

understanding) is essential. If the process is cut short, for instance after knowledge, then it is not as meaningful and has little value to the student. As we all recognize, experiences of little value are seldom retained for any length of time.

It is my belief that much of college education leaves out the third element of the learning process. It is based far too much on how much knowledge a student can absorb, and not how much a student understands of the facts he has received. If instead of merely memorizing the words battery, bulb, and switch, he could understand how they work together to produce light, not only does it become meaningful, but chances are very good that he would retain what he has learned.

I should add that although recognition and knowledge must be acquired through some medium, understanding should be attained by the student (facilitated by a knowledgeable person). The method for obtaining a genuine understanding lies in the process itself, not the final product. Although an understanding can be given to the student, it is more beneficial if he uses his own imagination, creativity, and sensibility to piece together the knowledge and eventually attain the understanding. There is an old Chinese proverb that says:

I hear... I forget
I see.... I remember
I do..... I understand

The role of the teacher should be to manage, facilitate, and motivate the student to attain this understanding, but to keep out of the process itself. Unfortunately, it's a whole lot easier to just give the answers rather than let the student find it out on his own. It takes less preparation, less time, less involvement,

cont. page 2. ~

"Questions on Education" (cont. from p. 1)

and less materials. Sadly enough, however, it results in less understanding and retention. As I see it, this is the point at which the learning process breaks down.

I sometimes can't help but wonder if a large part of the pattern with professors is their 'over-education' in their own field and under-education in ways to communicate. A familiar situation is one in which a basic course is being taught by a brilliant professor of the field, yet one who cannot get the material across effectively to his students. Part of the problem is that he is a specialist, not an educator. Yet, how many of our professors have degrees in education? Experience has shown that it is often a true educator, himself with maybe only general knowledge of the subject matter, who can effectively bring the students to an understanding of the basic material. The point is, he knows how to educate. He may not be well versed but conversely, brilliance or exceptional ability do not necessarily preclude the ability to teach.

There is an interesting quote found in Kahil Giban's The Prophet. Speaking on teachers, he says, "If he is indeed wise, he does not bid you enter the house of his wisdom but rather leads you to the threshold of your own mind." How many times I feel as though the professor is merely distributing his own factual knowledge, selling his own wisdom, and how few times I feel as though I, myself, am truly learning.

Steve Kinne



THERE'S A FUNGUS — AMUNGUS —

To the S.O.B. who stole the ten A.T. tapes from the Pathology lab (306 Illick);

Many of us spent extra time during the morning reviewing or completing labs. Now, thanks to you, Dr. Manion has closed the carrel room during the morning. As you listen to the tapes while everyone else goes without, please think of us (we'll certainly be thinking of you!) May a Fomes igniarius be close to your heart all the days of your life.

Your 'friends' in FB0360

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SQUARE DANCE

SQUARE DANCE *** CRANBERRY LAKE CALLING
*** FRIDAY, FEBRUARY 10 ***
* NIFKIN LOUNGE *** 9:00 to 1:00 am. *

*** NEED WE SAY MORE? ***

notice

The College Activities Committee is sponsoring a Sierra Club Photo exhibit, "The Klamath Mountains". The exhibit is located in the glass display cases in Nikfin Lounge, and will be displayed untill Feb. 15. Check it out next time you are down in Nifkin.

It's time to start thinking (not about school- that doesn't come 'til May!) about your entry for the Annual Arts and Crafts Show coming up soon. Watch the Knothole for further details.

MONTREAL

It was a good meet. Even though the placement standings of the three teams that went up to Montreal don't sound too impressive ('A' Team took 6th place, 'B' Team took 12th, and the Womens Team took 3rd out of 5 teams), the teams cooperated with each other team members and placed with pride. It was a good meet, we just didn't do as well as the other teams.

That doesn't mean that we didn't bring home trophies- the women did a fine job and took first place in log roll, sawing (Swede saw and Crosscut saw combined), Speed Chopping, and Chain-saw. Log Roll and Sawing were team events, Speed Chop was taken by Helana Hoover and Tonda Thering, and Chainsaw by Sue Buck.

It was a good meet- and we didn't even get snowed in at Ogdensburg!

It might be nice to note that the girls missed 2nd place by 0.2 points - out of 2000 possible pts.!

* GENERAL NOTICE: THE DATE OF THE
* SPRING BANQUET HAS BEEN CHANGED FROM
* MARCH 22 TO MARCH 21

SAYING "THANKS"

Every year the Student Council announces three major awards at the Spring Banquet.. These awards are to give special recognition to Professors or staff members who you feel have made our stay here at ES&F just a little bit better. What we would like from you, as students, are nominations to fill these award positions. All you have to do is write down the name of the award, the person you think deserves it, and why you feel he or she deserves it. Then submit your nomination to the Student Council mailbox, c/o Jim Perry, in the basement of Marshall.

Distinguished Teaching Award:

One way to get better teaching is to encourage it. SUNY encourages research with money. We as students would like to encourage teaching with honor. This honor is given to the Professor or Staff member who you feel shows the most interest in his or her students.

Yearbook Dedication:

The yearbook dedication honors a professor or staff member who has contributed his or her teaching skills, time, and understanding to benefit students at ES&F.

Yearbook "In Special Recognition" Award:

This award goes to someone who has given years of cheerfull service and, by gosh, it's about time he or she was thanked!

Please submit your nominations to the Council mailbox and help thank the people who have helped you!

Student Council

"SMALL SMALL" STORE HOURS

Small Store Hours for this semester are:

MON.: 11:45 am to 2:50 pm
TUE.: 9:30 am to 11:30 pm
2:00 pm to 3:00 pm
WED.: 8:30 am to 9:25 am
10:40 am to 1:45 pm
3:00 pm to 4:00 pm
6:00 pm to 7:00 pm
THURS: 10:40 pm to 11:30 pm
6:00 pm to 7:30 pm
FRI: 8:30 am to 9:25 am
10:40 am to 11:35 am
1:55 pm to 3:00 pm

If, by chance, the store isn't open during one of these time periods, please come back at another time. The Small Store is operated by students who, like yourselves, have unplanned emergencies and tests which make them unable to open the store occasionally. So be a little understanding and try again later.

If any other problems arise, please contact me.

Jim Keehn

..... COLLEGE BOWL

The entire Northeast Section of the University Chapters of The Wildlife Society will be holding the Annual Conclave at Penn State on the weekend of March 31 to April 1. If you wish to participate in the College Bowl, leave a schedule of your free time in Dr. Smith's office (253 Illick) or in his mailbox. It is important that he know when you have a free hour or two so he can schedule practice periods for participants. The sooner you tell Dr. Smith, the better off our team will be.

DEAR JOHN,

Dear John,

If you meet a young lady at Times Square on New Year's Eve, check with Barb in 107 Bray Hall- she has a message for you from the New Year lady.

CATCHALL CAUGHT ONE:

*** Quiche Lorraine - or just a Quickie?

SEMINAR

Dr. D. Morrison, Dept. of Managerial Science and Policy, will give a talk on "Environmental Psychology in Recreation Management" Wed, Feb. 8, from 11:45 to 12:45 in 324 Bray Hall.

February 9: Seminar on the "Identification of Specific Protein Binding Sites on 5s, 5.8s and transfer RNAs" given by Dr. Paul Wrede of the Department of Biology at M.I.T. Seminar is held in 117 Lyman Hall at 4 pm.

IN BRIEF: LEGISLATIVE STATUS IN THE 95th CONGRESS

Air Pollution - On August 7, the President signed into law the Clean Air Act Amendments of 1977 (P.L.95-95). After nearly three weeks of difficult deliberations by a joint House-Senate Conference Committee, the amendments contain some hard won compromises on issues such as significant deterioration, nonattainment and auto emissions.

Alaska "(d) (2)" Lands - The House Interior Committee's Subcommittee on General Oversight and Alaska Lands has voted to use a staff revision of H.R.39 as its markup vehicle. The staff revision followed extensive hearings in the field and Washington, D.C. on H.R.39 and related bills. On September 15, Secretary of Interior Andrus presented the Carter Administration's proposals at hearings before the Subcommittee. In terms of acreage to be set aside into one of the four national systems-- parks, wildlife refuges, forests and wild and scenic rivers--H.R.39 as revised falls between the 114 million acres recommended in the original H.R.39 and the Administration's recommendations of approximately 92 million acres, by setting aside 102 million acres. Markup on the bill will start in January, 1978.

SQUARE DANCE!

The square dance originally scheduled for Jan. 20 was postponed due to bad weather (we couldn't get the beer to Nifkin.) Cranberry Lake will now be playing in Nifkin on Friday, Feb. 10 from 9 pm to 1 am. The dance is brought to you by the Sophomore class and free with ESF ID. See you there!

wildlife society

The University Chapter of The Wildlife Society is now accepting nominations for the offices of Pres., V-P, Sec., Treas., and two Executive Board Members. Nominations will be accepted until Feb. 13. If you know any members who you think are qualified and suitable for these positions, let us know. Place your nominations in the TWS mailbox in the basement of Marshall. Remember, you have until Feb. 13!

The TWS Annual Meeting will be held on Feb. 13. At this time elections will be held, and bylaw revisions will be voted on. See the display case in Illick for details and keep your eyes peeled for further notice on the time and place of the Annual Meeting.



BMC.BMC.

*****BMC ACTIVITIES - FEBRUARY *****

Tuesday, Feb 7: 7:30 pm in Marshall Aud.
General meeting to discuss spring semester trips, speakers, etc.

Wednesday, Feb. 22: 7:00 pm in 212 Mar.
Organizational meeting for Roaring Brook Gorge snowshoe and X-C ski trip.

Saturday, Feb. 25: Snowshoe and X-C ski trip to Roaring Brook Gorge. Sign-up sheet will be posted on Ketch's door (333 Illick) on Wed. Feb. 7 for all who plan to go.

** Any questions? Call John at 656-9841.

CREATE!

The Knothole Creativity Contest deadline is Friday, February 17. All entrees must be submitted to the Knothole mailbox (located with the student mailboxes in the basement of Marshall) by this date.

The four categories are:

Poetry
Cartoon
Artwork
Feature Page

ALL entrees must include artist/author name, school address and phone number, curriculum and year. Entrees will not be returned unless requested. Entrees must be in ink and legible (typed if possible).

Please state at the top "FOR KNOTHOLE CREATIVITY CONTEST" and indicate which category the entree falls under.

This contest is open to all students enrolled at ES & F. All material will be judged by the Knothole staff.

Special Considerations

Artwork: Artwork must be a black ink drawing on white paper no larger than 7½ by 10" or smaller than 7½" by 5".

Feature Page: The feature page should deal with a topic of interest to the general college community. It should be a visual presentation, not just an essay.

Cash prizes of \$10.00 will be awarded to the winner of each category.

Good luck and start creating for the Knothole Creativity Contest- where creativity does count!

BOTANY 'BRANCHES OUT'

The Botany Club will be holding its sub-annual ski/snowshoe trip to the Cranberry Lake Biological Station on Feb. 17 to the 18th. YOUR OWN skis or snowshoes will be necessary, as well as proper gear for subzero temperatures. The sign up sheet will be posted Friday, Feb. 10 on Dr. Ketchledge's door (333 Illick). There will be a 20 person limit, so sign up early! A mandatory meeting for all going will be held in 334 Illick, Feb. 16 at 7 pm.

Other Botany Club events to watch for this semester are: the greenhouse cutting sessions, the spring mountain climb (tentative date is April 1), officer elections with a talk by Dr. Ketchledge on Western trees, and possibly a trip to the Cornell greenhouses.

Student Council Elections

February 6..... Nominations Open
February 21..... Nominations Close
March 7- 8..... Elections
March 21..... Election Results announced
at the Spring Banquet
Details are posted in the entrance to Moon Library

* DESIGN *

The University Chapter of The Wildlife Society is compiling a booklet titled: "A Guide to Graduate School Faculty in Wildlife Biology, Vol. I Northeast Section". This booklet will be published and sold throughout the Northeast. However, we are looking for talented people to design a cover for this work. The only requirements for entering the contest are that all entrees be done on 8" x 10" non-bond paper in India ink. The full title must be included along with: ' The University Chapter of The Wildlife Society at SUNY College of Environmental Science and Forestry'. All entrees should be placed in the TWS mailbox (located with the Student mailboxes in the basement of Marshall). The deadline is March 1, 1978.

What is the prize for this contest? Your own pride and self-esteem at having your work published.

A JOB

Now that the first semester is over, we have the end of the second semester to look forward to. This means summertime and summer jobs. One type of job to look for is an Internship. For students in the environmental field, the Massachusetts Audubon Society runs the Environmental Intern Program. They have a number of internships which relate to many environmental fields. The program operates in New England and New York. The internships are available through many sponsors. Positions are available in energy, park management, historic preservation, coastal management, and air pollution to name just a few. Many internships are in state agencies.

An internship is a valuable experience. The intern does interesting work in a field related to his expertise. He is placed in a position of responsibility working along with people who have vast knowledge in the area of his internship. The intern gains insight into the procedures that organizations use to accomplish their objectives. Much of what the intern learns can only be gained from practical experience and cannot be learned in class or from a text book. This is the underlying value of an internship.

Internships are given to qualified applicants. Job experience, education, interest in the field in which the internship lies, and recommendations are some of the criteria used to determine who receives an internship. For more information on the Environmental Intern Program write:

Environmental Intern Program
Massachusetts Audubon Society
Lincoln, Massachusetts 01773

DUCK, BEAR

The classic Bowhunting Adventure film, "Arrow for a Grizzly" will be shown by the Archery Club tonight (WED. FEB. 8). Check bulletin boards for time and place. Also, the Archery Club will hold a meeting after the movie.

!BASKETBALL!

Feb. 9	Eisenhower	5:00	M
Feb. 11	D'youville	2:00	W
Feb. 15	Thompkins-Cortland CC	5:45	W
Feb. 26	Intramural All-Stars	5:45	M

M=Manley; W=Woman's Building. Show some stumpy support by attending the games and cheering the team!

COUNCIL CORNER

There's a relatively new committee formed in Council. It's appropriately called the Student Input Committee and their task is to evaluate present student-faculty-administration communication lines and seek improvements or propose new routes. They'd gladly welcome any suggestions, comments, etc. Place them in the SC mailbox addressed to the aforementioned committee.

March 21 is the date of the Annual Awards Spring Banquet. Many times tests, assignments, projects due the day after the Banquet prevent us from joining in the festivities. This week a letter was sent to all faculty members asking them to reconsider their scheduling to alleviate these pressures. Let us know the results!

Course-teacher evaluations are the responsibility of Alpha Xi Sigma, the senior honorary. They are working on them this semester. Any input for the evaluation forms should be addressed to the president, Ken West.

We urge you all to join the "War Against Waste" and send your used cans to President Jimmy.

There's going to be an Open House in the Hill area on April 30. This involves our College, SU, Upstate, and other neighborhood institutions and marketplaces. We will be featuring exhibits and events, as yet in the planning stages. Student input and help will be needed in getting this to work. The people attending the Open House will include federal, state, and county legislators, and the people from the community as well. Now is the time to submit ideas! Also, as plans start to materialize, we will be asking for volunteers to help with the organizing and running of events. We hope many of you will come forward! We'll keep you posted.

Till next week... ☺

HEY, FROSH:

To the Freshman Class:

There are three things I would like to mention. 1) A few people have given me some good ideas. A recent one was a class organized ski trip. Keep the ideas coming and thanks for caring. 2) The officers had a meeting on Jan. 26, and discussed the upcoming party (March 3), the possibilities of a class project, and perhaps sponsoring a film fun-night. A current idea for a class project is coordinating a small scale "humanities projects, involving students teaching others about hobbies and skills. The ideas are definitely there, and your officers are willing to work together to bring them to life, so speak out and help out when you can. 3) I encourage anyone who has time and the willingness to work to run for class office. Nominations opened Monday, Feb., 6.

Thanks for listening,

abe

PARTY HARDY

All ES&F students are invited to a Dance/Party on Friday, March 3, from 9 pm to 1 am in Nifkin Lounge. The Swanee River Boys will be playing country rock. Free beer and munchies.

Sponsored by the Frosh.

RUN FOR IT!

Do yourself and your school a favor! Run for a Student Council Office. Send no money, you won't be billed later. All you have to do is submit your name, class and phone number to the Student Council mailbox. Yes, that's the Student Council mailbox in the basement of Marshall. Hurry! This is a limited time offer. Void where prohibited. BLLEEPPP!

Send President Carter a used 12-ounce beer or soft drink can to show your support for mandatory deposit legislation.

1. Tear off the label along the dotted line.
2. Fill out your name and return address.
3. Make sure that the can is clean and dry.
4. Cover the opening of the can with masking tape.
5. Attach one end of the label to the can.
6. Wind the label around the can and fasten at the seam.
7. Put 24 cents postage on the can.
8. Drop it in the nearest mailbox.

For further info, write to:
Diane MacEachern, Environmental
Action Foundation, 724 Dupont
Circle Building, Washington, DC
20036.



REMEMBER THE DIGNITY
OF YOUR WOMANHOOD.
DO NOT APPEAL,
DO NOT BEG,
DO NOT GROVEL.
TAKE COURAGE,
JOIN HANDS
STAND BESIDE US.
FIGHT WITH US....

CHRISTABEL PANKHURST
ENGLISH SUFFRAGIST, (1880-1928)

The War Against Waste

Dear Mr. President,

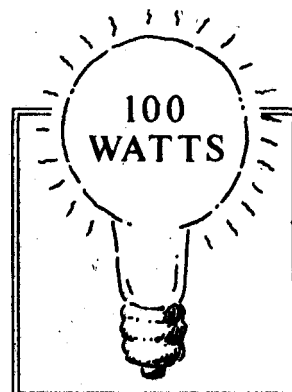
This beverage container is just one of 70 billion bottles and cans that contribute to the trashing of America annually. While litter and disposal of solid wastes are serious problems, we must realize that throwaways also represent wasted energy; 81,000 barrels of oil per day could be saved with a switch to a national deposit law. As an alternative to waste I support a national deposit on all soda pop and beer bottles and cans. Please urge Congress to adopt deposit legislation.

Sincerely,

From:

24¢ Postage
First Class

To: PRESIDENT JIMMY CARTER
THE WHITE HOUSE
WASHINGTON, D. C. 20500



The energy used to make this throwaway represents enough power to keep one 100-watt light bulb burning 20 hours.